



**COMMITTEEMEN FROM DIVISIONS** throughout the plant select the safety awards for 1965 two periods worked without a lost-time accident . . . the 38th and 39th such periods since Union Carbide Corporation began operations here in 1947.

## 17 Handsome Items Chosen By Committee As Reward To Y-12ers For Safe Man-Hours In '65

Sometime next week Y-12ers will begin to choose their bounty for the accumulative safety award for 1965 . . . from a handsome selection of some 17 articles.

Take a look at these wonderful awards, too:

- Sleeping Bag
- 1 Dozen Golf Balls
- Bates Double Bedsread
- Aluminum Tackle Box
- G. E. Electric Can Opener
- Leather Gun Case
- Sunbeam Electric Clock
- 30-Cup Automatic Coffeemaker
- Teflon 7-Pc. Cookware
- Soldering Gun Kit
- Spray & Stem Iron, GE
- Sunbeam Portable Mixer
- GE 8-transistor Radio
- 2 Stadium Seats
- Sunbeam Lady Shavemaster
- Skillet, Dutch Oven Combo
- Garden Sprayer, 3-Gallon

The awards, approximately \$7 in value, are for the two periods observed in the past calendar year without a lost-time accident. Those times were from December 2, 1964 until March 12, 1965 for a total of 4,372,621 man-hours . . . and from July 14 until October 4.

The above awards were chosen by representatives from each division in the plant from more than 50 items.

These representatives were Athala Markland, Accounting and Budgets; Mary Thompson, Assembly; A. L. Fischer, Central Estimating and Tooling Coordination; Betty Whitehorn, Development; W. H. Fleischmann, Engineering; Jim R. Thorpe and George Hyatt, Fabrication; Irene King, Industrial Relations; Jymme Sue Walton and P. Ferguson, Maintenance; Bobbie Hill and D. E. Ferguson, Materials and Services; Phyllis Johnson, Process Analysis; George Drevik, Product Engineering; Mary Guy, Reports Group; Mildred Scott and W. W. Woody, Shift Superintendents and Utilities; and Margaret H. Eager, Technical Services.

S. J. Hicks, Grace Ditchen, E. Lees and Nelline Ross represented ORNL divisions in Y-12.



**JUNE ELLIS, BENEFIT PLANS**, likes the looks of all the awards 17 in all. 'It's difficult to choose from as many nice things as these,' she related last week.

While distribution of the selection cards is expected to be made next week, the Safety Department

advises that it will probably be another two or three months before the awards are here, ready for distribution.

### INSTRUMENT SOCIETY MEETING IS TONIGHT

The Oak Ridge Section of the Instrument Society of America meets tonight in the Green Room of the Ridge Recreation Hall. The meeting time is 8 p.m., Wednesday, February 2.

Leon J. Weymouth, Staff Consultant for the Baldwin-Lima-Hamilton Corporation, Electronics Division, will speak on the subject "Bonded Resistance Type Wire, Foil and Semi-Conductor Strain Gage Characteristics, Applications and Limitations in Hostile Environments."

### SAFETY SCOREBOARD

The Y-12 Plant Has  
Operated  
117 Days Or  
3,125,000 Man-Hours  
Through January 30  
Without A Disabling  
Injury  
Phone 3-7755  
(Unofficial Estimate)  
For Daily Report  
On Accident-Free Hours

## Union Carbide Sales For 1965 Pass \$2 Billion Mark For 1st Time

### President Birny Mason Cites Continuing Strength Of Nation's Economy And Stability Of Prices

Union Carbide had record sales and earnings in 1965, and for the first time in history, the year's sales exceeded \$2 billion, Birny Mason Jr., president, reported in a preliminary statement last week.

Total sales of \$2,063,901,000 were 10 per cent above 1964 sales, which amounted to \$1,878,918,000. Net income rose 20 per cent to reach an all-time high of \$226,917,000, or \$3.76 a share. This compared with 1964 net income of \$189,069,000, or \$3.14 a share (adjusted for the two-for-one stock split.)

Union Carbide's record performance in 1965 was attributed to a combination of factors. Mason mentioned the favorable business climate, including both the continuing strength of the American economy and greater stability of prices. He also stressed the significant contribution of higher earnings made by the corporation's improved operating efficiency.

### Global Operations Competing In Worldwide Markets

Commenting on Union Carbide's increased global operations, the corporate president said that the corporation must contend with a variety of world forces in the many different countries in which it is operating, but has been competing successfully in worldwide markets. Union Carbide exports products from the United States, Canada, and Puerto Rico to over 100 countries, and it either owns or has a substantial interest in about 60 companies operating in some 30 countries throughout the world. Export sales were \$150 million in 1965. Both sales and earnings of overseas subsidiaries and associated companies were significantly ahead of 1964.

On the outlook for this year, Mason was optimistic. He did point out that 1965 was a year in which there was unusual growth in the economy, and that, because of capacity limitations, he expected more modest growth in the corporation's sales and earnings in 1966. He indicated that the long-range prospects for growth in both sales and earnings were good.

### Large Outlay For Plants To Continue For Much Of Year

Union Carbide plants operated at capacity levels in many product lines for much of the year. To keep pace with the strong demand for products and to maintain operating efficiency, the corporation has been carrying on an extensive program of new plant construction and plant modernization on a worldwide scale. In 1965, expenditures for new facilities in the United States, Canada, and Puerto Rico were \$242 million. This was somewhat below the planned level largely because of delays in delivery of equipment and shortages of skilled construction labor in certain areas. Present plans call for an investment of more than \$300 million in new construction in 1966 and even higher amounts for the next few years.

In the United States, major expansions have just been completed or are under way at about 30 locations in 17 states. Included are new facilities for producing chemicals, plastics, carbon products, industrial gases, metals and electronic components. Among the building projects under construction are a major petrochemicals complex at Taft, Louisiana, the first of a series of expansions that will double capacity for producing low-density polyethylene resins at Whiting, Indiana, a plant to supply liquid oxygen for the missile industry near Cape Kennedy, in Florida, the world's largest ore-treatment plant for the recovery of vanadium near Hot Springs, Arkansas, and an expansion of the world's largest graphite electrode plant at Columbia, Tennessee.

### Many Overseas Plants Being Accelerated At Pace

Companies affiliated with Union Carbide overseas spent \$49 million on new building projects in 1965 and expect to spend somewhat more than that this year. This money has been or will be spent on expansions at more than 40 locations in 25 countries. Among the products that the new facilities will provide are chemicals, plastics, batteries, carbon and graphite products, cryogenic products, electric welding equipment, fabrics, gases and metals.

One of the major overseas building projects is an expansion of the plastics manufacturing facilities of a wholly owned Belgian affiliate near Antwerp into a major petrochemicals complex to serve the European Common Market. In Italy, a plant is planned near Milan to produce nonwoven fabrics for automotive use and another near Naples to produce graphite electrodes for steel-furnace operations.

New investment in South Africa has resulted in an expansion of vanadium mining and milling facilities near

Continued on Page 4



# The Bulletin

Published Weekly For The  
Y-12 Employees Of  
UNION CARBIDE  
CORPORATION



NUCLEAR DIVISION

JAMES A. YOUNG .....Editor

Member



Appalachian  
Industrial  
Editors'  
Association

OFFICE

Post Office Box Y  
Oak Ridge, Tenn. 37831  
Bldg. 9704-2 Room 137  
Telephone 3-7100

## Keen Son Advanced In Cadet Training



PFC Joe Blake Keen

Mr. and Mrs. Harry A. Keen, 109 Bradley Avenue, Oak Ridge, have been informed that their son Joe has been promoted to the rank of Private First Class in the ROTC unit at Gordon Military College.

Joe, who graduated from Oak Ridge High School last year, is in his first year at GMC, Barnesville, Georgia.

Rank in the Cadet Corps at Gordon is achieved by academic and military progress of the individual cadet.

Gordon is a six-year school with four years preparatory and two years of college. Founded in 1852, the Georgia prep school is an Honor School with a Senior ROTC unit operated under the Department of the Army Program.

Joe's father, Harry, is in Y-12's Chemical Services.

## Course Offered By Camera Club

The Carbide Camera Club will sponsor a photographic course for club members, tentatively beginning February 23. Initial lectures will cover fundamentals such as camera techniques, composition, and film properties. Subsequent lectures and demonstrations, as well as actual practice will concentrate on darkroom techniques. Included will be such topics as film-developer combinations, negative analysis and correction, paper selection, polycontrast papers, cropping, burning and dodging, retouching, solarizing, and tinting. More details will be announced at the February 8 meeting at the First Presbyterian Church's Educational Building.

Camera Club members interested in attending the course should notify D. T. Bourgette, at ORNL 450-S Building, Room A-156, indicating their preference for meeting nights.

# Hamon, Neal, Campbell, Preston And Waddle Are January Retirees . . . All Are Old-Timers

Two Y-12ers, real old-timers, retired yesterday from the plant . . . and three more well known long-timers elected early retirement. . . . Jesse L. Hamon, Stores Department, and Carl M. Neal, Area Five Maintenance, retired February 1. Taking early retirement were James E. Campbell, Estimating and Tooling Coordination; Albert S. Preston, Electrical Engineering; and Robert H. Waddle, Laundry.

Jesse L. Hamon, a native of Pioneer, Tennessee, came to Y-12 February 10, 1944 . . . nearly 22 years ago. He had seen a varied career with a lumber company in Caryville, and a mining company in Clinchmore before coming here.

Hamon lives at Route 3, Oliver Springs. He has two daughters, Aline Pemberton, Denver, Colorado; and Camilla Terway, Memphis, Tennessee. His wife, the former Bessie Phillips, is deceased.

### Native Of Georgia

Carl M. Neal was born in Rising Fawn, Georgia. In the mid-twenties he worked as a die chipper with the Corley Manufacturing Company, Chattanooga. From 1931 until 1937 he was with the Southern Chemical Cotton Company. He returned to Corley in 1937 and was there until 1941. At that time he became a millwright with the Willputt Coke Ovens, Inc. In 1942, he went with Stone and Webster, who was building the Hercules plant at Tyner. During 1942-1944 he was with the Hercules Powder Company there.

He came to Y-12 February 4, 1944.

Married to the former Alice L. White, Neal has three sons, Harold, Toledo; Ernest and Marvin, Clinton; and daughters Betty Patterson, Oak Ridge, Laura Hensley, Ft. Oglethorpe, Georgia; and Alice Neal. The Neal home is at Route 5, Clinton.

### Former School Teacher

Another employee, nearing 22-years company service, James E. Campbell, Estimating and Tooling Coordination, retired yesterday. Campbell, a native of Readyville, Tennessee, was a school teacher and principal in Woodbury from 1925 until 1939. He worked with the Civilian Conservation Corp until 1942 . . . then was with the Signal Corp Training School, Ft. McPherson, Georgia. He served briefly as personnel director of the Thayer General Hospital, Nashville, before coming to K-25 March 30, 1944. He transferred to Y-12 November 1, 1952, and served in several capacities in Y-12.

Campbell is a graduate of Middle Tennessee State College, Murfreesboro.

He lives at 126 Outer Drive. Mrs. Campbell is the former Mary Lou Shults. They have one daughter Susan at home . . . and a son Kenneth, attending Vanderbilt University on an academic scholarship. Kenny is also a well-known basketball player at Vandy. The Campbells have another son Wayne, who lives in Maryville.

### Preston Is Knoxville

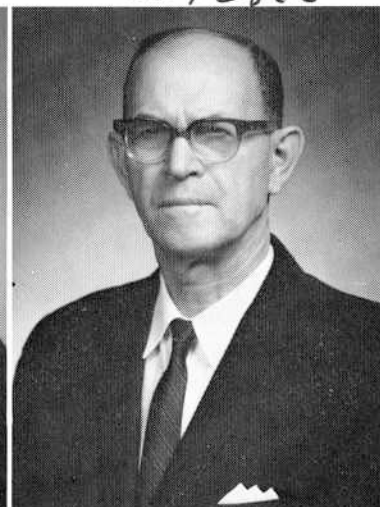
Albert S. Preston, Electrical Engineering, was born in Knoxville. He began his career with Southern Bell Telephone Company in 1925. In 1926 he went with the Tallahassee Power Company, and returned to this section in 1927, to work with the East Tennessee Electric Company. He returned to Southern Bell in 1928 and in 1930 went with Western Electric. In 1936 he went with the Tennessee Valley Authority and served in Safety Engineering from 1941 until 1943. He became associated with Barber and McMurray (architects) in 1943, before coming to Y-12 the first time in 1944. He returned with Barber and McMurray . . . and came back to



Jesse L. Hamon  
6-12850



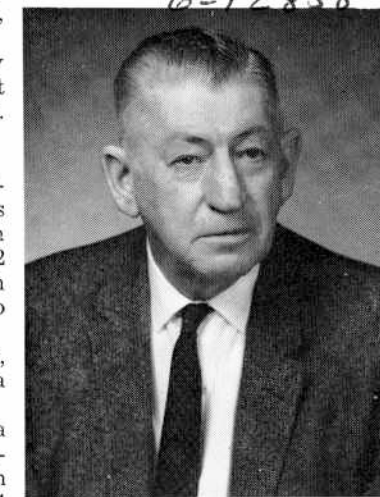
James E. Campbell



Carl M. Neal  
6-12859



Albert S. Preston  
6-12858



Robert H. Waddle

Y-12 for the second time June 2, 1947.

Married to the former Mary Jane Stouffer, Preston lives at 3604 Kranbrook Lane, Knoxville. They have one son Daniel S.

### Waddle Well Known

Robert H. Waddle, another well-known Y-12er, served two stints in Y-12 . . . and in the Paducah plant. He first came to Y-12 June 12, 1944 . . . left for Paducah July 1, 1951 . . . and returned to Y-12 June 12, 1962.

Waddle is a native of Oakdale, Tennessee. He attended Berea College, Berea, Kentucky.

Married to the former Laura Hammock (Mrs. Waddle is a disaster worker for the American Red Cross), Waddle lives at 424 Villanova Road, Oak Ridge.

Before becoming associated with Union Carbide, Waddle worked with the Tennessee Department of Public Welfare as a case supervisor, and with the Tennessee State and U.S. Employment Services. In his early youth he worked in Atlanta as a field clerk for Western Union.

The Waddles have one son James E. Stinekraus, Decatur, Georgia.

Good luck, Hamon, Neal, Preston, Waddle, and Campbell. Your nearly 95 years of faithful service to the plant stand as a tribute to each of you. May the coming years bring you peace and happiness.

### BIG DONOR

The chemical industry is a big donor to higher education according to the Council for Financial Aid to Education. A 1964 survey indicates that chemical companies contributed over \$22.5 million to various colleges and universities.



Early February finds more Y-12ers celebrating an important milestone with Union Carbide Corporation. Congratulations.

### 20 YEARS

Dewey J. Nichols, Chemical Services, February 2.

Edward J. Schmidt, Dispatching Department, February 2.

Leon H. Gooch, Mechanical Development, February 4.

William T. McBryde, Laboratory Operations, February 5.

### 15 YEARS

Mose Sanders, Janitors Department, February 2.

Clarence L. Hawkins, General Machine Shop, February 2.

Willis W. Hall, Guard Department, February 2.

John G. Scogin, Process Maintenance, February 5.

Buford L. Fain, Utilities Administration, February 5.

Clyde C. Beeler, General Machine Shop, February 5.

Dolphus L. Holbert, Cage Certification Laboratory, February 5.

Claude H. Manis, Buildings, Grounds and Maintenance Shops, February 5.

Levator G. Cotter, Material Specimen Shop, February 5.

Joy J. Winslett, 9766 Machine Shop, February 6.

Edward S. Jackson, Arc Melting, February 6.

Judge D. Kile, Alpha Five Machine Shop, February 6.

Paul Surber, Guard Department, February 7.

Okley E. West, Stores Department, February 7.

James G. MacArthur, Technical Reports, February 8.

### 10 YEARS

Noble G. Young Jr., M Wing Shop, February 8.

Carl Leach, Beta Four Heavy Machine Shop, February 8.

George A. Hatmaker, Dimensional Inspection, February 8.



CALL ALL CALLERS Re: FTS

The young lady on the phone was very upset. It seems the mailman dropped a large stack of FTS (Federal Telecommunications System) telephone directories in her mail box — one for everybody and his brother. She allowed this was wasteful at which point we mentioned we wanted everyone to know that a commercial 70c call to Atlanta could be had for 30c just by dialing 88-404-0111 and telling the answering voice the number of the company. These money-saving numbers can be found after Page 164 for just about any town, including Churubusco, Indiana. Naturally all long distance calls even to non-AEC Agencies can go FTS.

The lady interrupted as politely as possible, saying she already read Mr. Hibbs' AR Bulletin encouraging FTS usage and I was telling her nothing new. All she wanted was to stop wasting money sending FTS books to people who never make long distance calls.

A good suggestion . . . we'll try to fix.

Incidentally, the Y-12 commercial phone bill is still about \$500 per month, not including FTS. Could it be somebody didn't get an FTS book?

## Gauster Will Lead Thermonuclear Seminar

The Thermonuclear Division announces its seminar for tomorrow, as "Magnetics and Super-Conductivity." Leading the discussion will be W. F. Gauster and co-workers.

The seminar is set for Thursday, February 3, in the TD Conference Room, Building 9201-2.

## Joint Seminar Is Set Friday, February 4

A joint Physics and Electromagnetic Division seminar is planned for Friday. Carroll R. Bingham will discuss "Nuclear Reaction Studies with 65 MeV alpha Particles on Zirconium."

The joint seminar is set for Friday, February 4, at 3:15 p.m. in 4500's Central Auditorium.





R. B. SMITH, STORES DEPARTMENT, proudly shows his eight pound, 12 ounce largemouth bass, which took first place in that category in the recently closed Annual Fishing Rodeo. Smith says this baby was hooked in Ft. Loudoun Lake. A beauty, isn't it?

## R. P. George Wins Prizes In 3 Species Count In Y-12's Annual Fishing Rodeo!

The Recreation Department has announced winners in the Annual Fishing Rodeo . . . for giants caught by plantsmen during 1965. No entries went begging this time, thank you. However two categories could have seen another winner each . . . as the striped bass and crappie class had only two winners.

Meanwhile, 1966's big annual is again in full swing with entry blanks available from Recreation. Winners for 1965 were:

- LARGEMOUTH BASS**
1. R. B. Smith, Stores, eight lbs. 12 oz.
  2. William G. Rains, Metallurgical Development, eight lbs. 9 oz.
  3. John R. Bosson, Process Maintenance, eight lbs.
- SMALLMOUTH BASS**
1. R. E. Gibson, General Machine Shop, four lbs. four oz.

## Bush Lead Still To Untouchables

The Untouchables kept a formidable lead in the Bush Bowling League last week, thanks to a three point win over the Outcasts. The Regents narrowed the lead, however, with a four point win over the Beavers. The Dry Hides downed the FLUBS for three.

Louise Patterson, Untouchables, rolled a 210 scratch single. His series of 582 scratch, 678 handicap was high also. Adrian Prestwood, Untouchables, kept his teammate from sweeping the boards by claiming high single handicap count of 249.

The Dry Hides were high on scratch counting . . . 838 singles, 2393 series . . . while the Untouchables made the boards on handicap tallies . . . singles of 1025 and series of 2994.

League standings follow:

Team	W	L
Untouchables	21	7
Regents	18	10
Dry Hides	15	13
FLUBS	12	16
Beavers	9	19
Outcasts	9	19

2. R. P. George, Electrical Engineering two pounds, 10 oz.
3. H. Y. Rollen, M Wing Shop, one pound, 13 oz.

### STRIPED BASS

1. H. Y. Rollen, M Wing Shop, one pound, eight oz.
2. R. P. George, one pound, one oz.

### WALLEYED PIKE

1. Eddie Roberts Jr., Radiation Safety, five pounds, 13 oz.
2. L. E. Abrams, General Machine Shop, five pounds, 9 oz.
3. C. B. Stooksbury, Arc Melting, five pounds, three oz.

### TROUT

1. W. V. Blankenship, Area Five Maintenance, six pounds, five oz.
2. James E. Trosko, Biology, four pounds, three oz.
3. Bobby R. Samples, Technical Reports, three pounds, 10 oz.

### BLUE GILL OR BREAM

1. E. M. Coburn, General Metal Fabrication Shop, one pound.
2. Elbert Scott, Guard Department, nine oz.
3. B. E. Burdette, Research Services, eight and one-half oz.

### CRAPPIE

1. Elmer E. Green, Area Five Maintenance, two lbs., four oz.
  2. R. P. George, Electrical Engineering, one pound.
- The Recreation Department states that the awards are in.

## Shifters Plan Party Saturday

A total selection of 18 big prizes will be at E, F, G, H and J Shifts' Fun Night, Saturday, February 5. The party will begin at 7:30 p.m., at the Ridge Recreation Hall, Oak Ridge. The prizes range from electric can openers to tape recorders, to camera outfits.

Shifters are inviting all Y-12ers, naturally, and their families to participate in the festivities. That's Saturday, February 5, at 7:30 p.m. in the Green Room of the Recreation Hall.

## Has Beens Lead Early Basketeers

Y-12's Has Beens began the second half of the Basketball League last week with a thumping two wins over opponents. ORNL's Metals & Ceramics also started in cleanly by winning two.

Monday's action began as the M&C team took the new-comers, the Collegians, by the tune of 53 to 30. The debuting team made a good showing during the first half . . . but the M&C crowd pulled away in the final two quarters. Jim Atherton led the winners with 18 through the bucket . . . and Bill Martin led the losers with eight. Ray Riggs, Bob Stan-ta and Stan Pawley all fired six for the Collegians.

The ORNL Nats made cat's-play out of the Isotopes in game number two . . . winning 74 to 32. From the opening whistle on it was a question always of how much. Wayne Parsons sparked the floor with 16 points in the first half . . . and slowed to another eight in the closing quarters, after sitting out the third period. Bob Long hit 14 but the guiding hand for the winners was Ernie Neal stealing the ball and passing from every position on the floor. The Isotopes' Mother-shed scored 16 points.

### Has Beens Hit Big

Y-12's Has Beens hit the big century mark in Monday's final game . . . downing the Losers 106 to 16 . . . and losers they were, too. Fantastic shooting by the winning combination saw Jim George with 28, Bill Kirksey, 23, Bill Schillinger, 20 . . . Don Burton, 17 and Bob Cul-ton, 16 . . . Wow!

In opening play Wednesday the Has Beens hit the hardwood to take win number two from the Nats . . . 55 to 47, a closer tilt than Monday's free-dealing game. Kirksey led the team this time with 15 . . . Cul-ton had 13. Ernie Neal with the Nats scored 20 big points.

### Atherton Leads Again

Metals & Ceramics downed the Isotopes 48 to 35 . . . Jim Atherton again led teammates with a 25 total score. Terry Mothershed led the losers with 15. Isotopes rallied in the final quarter . . . but the lead was too great to overcome at that time.

The Collegians won their second try of the week by downing the Losers 42 to 30. For the Collegians it was Stan Pawley with 14 big points. Gordon Edison tallied 20 for the losing Losers. Two quarters went to the winners . . . number one and four . . . while the Losers took the second period by one point and the third one by the same count.

League standings follow:

Team	W	L
Has Beens, Y-12	2	0
Metals & Ceramics, ORNL	2	0
Nats, ORNL	1	1
Collegians, Y-12	1	1
Isotopes, K-25	0	2
Losers, Y-12	0	2
Fearless Five, ORNL	0	0
Bombers, ORNL	0	0
Fungi, ORNL	0	0

## Louie Anfinson Rolls Big In Knoxville Alley

Louie Anfinson, Technical Reports, won the Knoxville Women's Bowling Association's 600 Club tournament recently with a total score of 596 . . . 14 pins ahead of her nearest competitor.

Lou's games were 185, 189 and 222 . . . for a total of 596. She is vice president of the Knoxville 600 Club and rolls in three leagues over there, with a composite average of 170.

Congratulations, Lou. We'll be watching your footwork in the Y-12 tournament March 5 and 6.

## Tigers Take Slim One-Point Lead As Wolves & Cubs Drop Back In Classic

The Tigers clawed out of the three-way tie in the Classic Bowling League last week with a four point win over the Eightballs. Also taking four were the Bumpers over the Rippers, and the Has Beens over the Cubs.

## Recreation



### Saturday, February 5

FUN NIGHT: E, F, G, H, and J Shifts. All Y-12ers and families welcome. 7:30 p.m. Green Room, Ridge Recreation Hall.

### Monday, February 7

BOWLING: C League, 5:45 p.m., Bush League, 8 p.m. Ark Lanes. TABLE TENNIS: 7 p.m. Wild Cats Den, Oak Ridge.

BASKETBALL: Beginning 6:30 p.m. Jefferson Junior High School Gymnasium. Nats vs. Losers; Fearless Five vs. The Fungi; Metals & Ceramics vs. Has Beens.

### Tuesday, February 8

PHYSICAL FITNESS: 7:30 p.m. Oak Ridge High School Gymnasium.

### Wednesday, February 9

BOWLING: Mixed League, 8 p.m., Ark Lanes.

BASKETBALL: Beginning 6:30 p.m. Jefferson Junior High School Gymnasium. Collegians vs. Fearless Five; Bombers vs. Metals & Ceramics; The Fungi vs. Losers.

### Thursday, February 10

BOWLING: Classic League, 5:45 p.m. Ark Lanes.

VOLLEYBALL: Beginning 6:30 p.m., Oak Ridge High School Gymnasium. Court One: Set-Ups vs. Bat Boys; Reactors vs. Eagles; Neutrinos vs. Naughts; Court Two: Ecobums vs. K-25 Instruments; Old Men vs. Mix-Ups; Yanks vs. Beavers.

### Saturday, February 12

TECHNICAL SERVICES VAL-ENTINE DANCE: Dinner-dancing, beginning at 6 p.m., Oak Terrace, Oak Ridge.

### Sunday, February 13

SKEET TOURNAMENT: 1 p.m. Oak Ridge Sportsman's Association Range.

## Table Tennis Sees 2-League Action

Action picked up in the two Table Tennis Leagues last week . . . as five matches were played in the X League . . . and two went into history in the Y League.

X Leaguers saw Loyd Wyatt win five over K. Bunzl . . . and Bill Maddux take the same from F. W. Schull. W. B. Motley won five from H. Mook . . . and Roy Huddleston downed W. D. Jones for four. Wyatt defeated Maddux by the same count.

### X League standings:

Player	W	L
R. L. Huddleston	9	1
L. E. Wyatt	13	2
W. B. Motley	8	2
W. A. Maddux	8	7
K. Bunzl	5	5
H. Mook	5	5
W. D. Jones	2	8
B. Bullock	0	8
M. E. O'Hara	0	5
F. W. Schull	0	10

In Y action, it was G. W. Brewer over F. Kertesz for five . . . and V. R. Uppuluri over A. J. Weinberger for three.

### Y League standings:

Player	W	L
A. J. Norris	8	2
V. R. Uppuluri	8	2
G. W. Brewer	7	3
E. F. Gamble	5	5
J. Lewin	5	5
A. J. Weinberger	5	5
F. Kertesz	2	8
H. O. Lutz	0	5
R. Pilloton	0	5
C. R. King	0	0

Three points went to the Wolves and the Markers as they swept past the Playboys and the Rebels, respectively. The Swingsters swung by the All Stars by the same count, and the Smelters belted three out of the Wasps. The Splinters-Screwballs duel ended in a draw.

E. E. Hickman, Smelters, rolled a 229 scratch game, and a 268 handicap single. Ray Galford, Bumpers, posted a 597 scratch series . . . and J. E. Halsey, Bumpers, put a 647 handicap series on the boards.

The Swingsters rolled high singles . . . 976 scratch, 1091 handicap . . . and the Bumpers boarded honors up with a 2743 scratch, 3067 handicap count in series.

### League standings follow:

Team	W	L
Tigers	13	3
Wolves	12	4
Markers	11	5
Bumpers	11	5
Cubs	9	7
Eightballs	9	7
Swingsters	9	7
Has Beens	9	7
Rippers	8	8
All Stars	6	10
Playboys	6	10
Splinters	6	10
Rebels	5	11
Screwballs	5	11
Smelters	5	11
Wasps	4	12

## Beavers Extend Volleyball Lead

Y-12's eager Beavers keep up their lead in the Volleyball League . . . thanks to a sweep last from the Reactors, 15-12, 15-1, 15-3, and 15-9.

Other matches saw the Set-Ups, ORNL, win from the Old Men 15-9, 15-7, 15-1. The Old Men took one 15-7. The Ecobums goose-legged the Y-12 Yanks 15-0, 15-1, 15-2 and 15-8. The Neutrinos took four from the Mix-Ups, 15-6, 15-11, 15-6, and 15-13.

K-25 Instruments won four from the Naughts 15-6, 15-10, 15-5 and 15-7. Y-12 Eagles swept the Bat Boys under the stands with four wins, 15-12, 15-3, 15-6 and 15-6.

### League standings follow:

Team	W	L
Beavers, Y-12	23	1
Set-Ups, ORNL	19	5
Ecobums, ORNL	18	5
Neutrinos, ORNL	17	7
K-25 Instruments	14	10
Eagles, Y-12	13	11
Old Men, ORNL	13	10
Reactors, ORNL	12	12
Naughts, ORNL	9	15
Mix-Ups, K-25	2	22
Bat Boys, Y-12	2	22
Yanks, Y-12	1	23

## Better Halves Grab Mixed Bowling Top

The Better Halves grabbed the Y-12 Mixed Bowling League lead last week, thanks to a three-point win over the Twisters. Four points went to the Alley Cats over the Chumps and the Blue Angels over the Subs. The Mustangs and Goofers shared two points each.

Ed Cothron, Better Halves, fired a 233 scratch single! His 268 handicap single was high also. Billy Sise, Alley Cats, fired high series of 577 scratch, 649 handicap. Irene Carmack, Mustangs, sparked the women's side of the house with a 196 scratch single, 231 handicap single . . . and series of 510, 615!

The Mustangs swept the boards, rolling singles of 694 scratch, 835 handicap . . . series of 1925 and 2330.

### League standings follow:

Team	W	L
Better Halves	13	3
Goofers	11	5
Subs	10½	5½
Chumps	10	6
Alley Cats	8½	7½
Blue Angels	5	11
Mustangs	4	12
Twisters	2	14



**UNION CARBIDE CORPORATION**  
**NUCLEAR DIVISION**

RETURN POSTAGE GUARANTEED

Post Office Box Y  
Oak Ridge, Tennessee—37831
**BULK RATE**  
**U. S. Postage**  
**PAID**  
 Oak Ridge, Tenn.  
 Permit No. 71

## Officers Named At HPS Meeting

The East Tennessee Chapter of the Health Physics Society held its annual dinner meeting Friday, January 21, at the Oak Ridge Country Club. The 1965 Chapter Status Report was given by outgoing president G. F. Stone, who introduced the new officers. Incoming officials are Neil B. Schultz, ORGDP, president; John Brown, ORNL, president-elect; Pat Dalton, ORINS, secretary; C. M. West, Y-12, treasurer; and executive board member, L. M. Scott, Y-12. Executive Councilmen D. M. Davis and G. S. Hill, both of ORNL, continue in office.

During the coming year, in addition to local meetings and field trips, the chapter will participate in the USA Health Physics Society annual meeting in June in Houston; the International Radiation Protection Association meeting in Rome, Italy; and will be a co-sponsor of the Bioassay and Analytical Chemistry meeting in October in Gatlinburg. The Society was formed in 1957 and is devoted largely to the promotion of high professional standards in health physics and a better understanding of the health and safety aspects of the peaceful uses of nuclear energy. Comprised largely of personnel representing ORNL, Y-12, ORGDP, TVA and the AEC, as well as ORINS, the local Health Physics Society has 150 members. Meetings and programs are open to members, guests and the interested public. A special invitation is extended to all whose work is related to health physics, either directly or indirectly.

## Union Carbide Sales

Continued from Page 1

Pretoria. In India, near Bombay, a four-year old chemicals complex is undergoing a \$20 million expansion. In Japan, there is a major expansion of polyethylene facilities in progress at Kawasaki, near Tokyo.

Latin American projects include the substantial expansion of an industrial gas complex and erection of an apparatus plant at Rio de Janeiro, Brazil, and a new battery plant near San Jose, Costa Rica, to serve the Central American Common Market.

## Polish Thriller Is Next Foreign Film

"Noz w Wodzie" (Knife in the Water), a Polish psychological drama is February's feature in the AAUW seventh Annual Foreign Film Series. It will be shown twice Sunday, February 6, at 7 p.m. and 9 p.m. at Jefferson Junior High School. The suspenseful tale of two men and a woman isolated for 24 hours in a small boat has been described as one of the great thrillers in cinematic history.

Season ticket holders will use their tickets, and single admis-



**Car pool member wanted from Woodland section, Oak Ridge, to West Portal, straight day.** Jake Lusk, plant phone 3-5835, home phone Oak Ridge 483-5787.

**Will join car pool from West Magnolia Lane, near Jackson Square, Oak Ridge, to Central Portal, straight day.** C. G. Bell, plant phone 3-5621, home phone Oak Ridge 483-9503.

**Ride wanted from Oak Ridge Trailer Court (behind Claxton School) to Biology Portal, straight day.** Gail Smith, plant phone 3-7791, home phone Claxton 945-2997.

**Two car pool members wanted from East Village to East or Central Portal, straight day.** Shirley Kirkwood, plant phone 3-7228, home phone after 5 p.m. Oak Ridge 483-5134.

## Rounders Keep C Bowling Lead

The Rounders stretched a thin lead in the C Bowling League last week after a four-point win at the expense of the Fireballs. This was partially caused by some fancy alleywork by Otis Rackley... who rolled a 223 scratch game, 248 handicap single... and series of 578, 653.

The second-placed Badgers took three from the Shud-A-Beens and the Sunflowers edged forward in standings by taking four, at the expense of the Parbustlers. The HiLifers also gained four from the Invalids. Other wins saw the Rodders over the Big Five by three... and the Strikers over the Rollmasters by the same count.

The Rounders and Sunflowers shared honors in singles... scratch count... each with 882. The Sunflowers had a 1028 handicap single total. The Rounders hit high scratch series with 2572... and the HiLifers had a 2949 handicap series.

League standings follow:

Team	W	L
Rounders	17	3
Badgers	14	6
Sunflowers	14	6
Parbustlers	10	10
Rodders	10	10
HiLifers	9	11
Strikers	9	11
Rollmasters	9	11
Invalids	9	11
Fireballs	8	12
Shud-A-Beens	5	15
Big Five	5	15

## UNLUCKY DATES

Certain dates were always considered unlucky by some people. In Rome, the second day of the second month was sacred to Pluto and was, therefore, ominous, according to researchers. This day... a promulgation of this superstition... is today known as Groundhog's Day!

sions at the door will be 75 cents each.

# \$6 Million Mark Passed As Y-12 Credit Union Continues Expansion Of Services To Members

6-12853



**HAPPY DOOR PRIZE WINNERS** line up with their loot at the Y-12 Credit Union's annual meeting, held Thursday, January 20, at the Jefferson Junior High School. In addition to the above winners, 20 members walked away with \$2 bills. (The old custom of giving away silver dollars has become history. You can't find them any more!)

6-12853

"If you owned a restaurant, you wouldn't go down the street to eat, would you?"

"Or if you owned a grocery store, you wouldn't go next door for those groceries, would you?" You own the Credit Union, you know... why not do business with it?

This was the theme of the Y-12 Employees Federal Credit Union's annual meeting, held Thursday, January 20, in Oak Ridge. Several hundred members turned out for the closing out of books for 1965.

The old year saw a drop in membership for the Y-12 Credit Union... share accounts down from 5711 to 5119... and loan accounts down from 3873 to 3185... a drop of 688. Y-12ers borrowed \$385,624 less last year than they did in 1964.

## Y-12ers' Savings Up

Despite the drop in loans, Y-12ers increased their savings last year by \$337,036.30. They now have a joint account of \$5,648,509.53 in savings! Assets topped the \$6 million mark for the first time in the Credit Union's history also... for a total of \$6,170,686.56!

President Tom Stephens in his report to membership stated that the high rate of return (another five per cent per annum was de-

6-12852



**EXPENSES LAST YEAR** in Y-12's Credit Union were kept at a minimum, Lorena Causey, treasurer-manager pointed out at the annual meeting. "We continue to try to give the best service to our member-owners that we can," she stated.



**PRESIDENT Tom Stephens** gives his report at the recent Credit Union meeting. Despite a decrease in membership last year, the Y-12 credit organization saw its assets go beyond the \$6 million mark.

clared for the last six months of the year) could not be continued if loans continue to drop. He urg-

## Safe Boat Course Offered In Roane

The Tri-County Sportsman's Club is sponsoring a "Safe Boating Class" at their Club House at Dickey Springs. This class is being given by various Flotillas of the 12th Division, District 2, of the U.S. Coast Guard Auxiliary from Knoxville.

It is hoped enough interest will be generated to form an auxiliary flotilla in this area.

The classes are open to the public without cost.

Membership in the Coast Guard Auxiliary is open to both men and women and children over 17 years of age, who own at least a 25 per cent interest in a 14 ft. motorboat or larger, an airplane or a radio station.

The first meeting will be held Friday, February 4, at the Tri-County Club.

Further information on the course or membership may be obtained from Ben F. Butler, Oliver Springs 435-6124, J. H. Cupp, Knoxville 588-2724, or Bill Bender, Harriman 822-1496.

ed members to utilize the services of their credit union to a greater degree. Many members are still financing automobiles through other agencies, despite the advantages of buying that new car through the credit union, he pointed out.

## Officials Are Elected

C. V. Ketron and Lorena Causey were returned to the board of directors... and Dan Stroud was elected.

The board members have elected Tom Stephens, president; P. L. Patrick, first vice president; Bill Dodson, secretary; and Lorena Causey, treasurer-manager.

Fred Wilkinson was returned to the Credit Committee.

The vote on board members and the credit committee was by unanimous acclamation.

The 16th Annual Meeting saw a breakdown of assets by year as follows:

1952	\$ 427,620
1953	666,249
1954	914,635
1955	1,466,163
1956	1,517,142
1957	1,936,961
1958	2,221,993
1959	2,883,665
1960	3,024,975
1961	3,799,591
1962	4,166,548
1963	5,249,995
1964	5,794,514
1965	6,170,687

Operating expenses were kept at a minimum for the year... with the only appreciable gain noted in a rise in dividends per cent-wise.

Members use their credit union to finance cars, purchase appliances, improve their homes, or consolidate debts... and so on. Service to the member-owner is the primary reason for the credit union's existence.

## Services Are Many

Credit Union rates are low, and the extra services are many. There are benefits enjoyed through a credit union loan not given in other conventional loan agencies. Life insurance, for instance, or insurance against total and permanent disability.

If you already have a loan at the Credit Union, you can add to it or take out a new one. The Credit Union is yours... use it. It can save you money.

Just call 3-7204 for an appointment.